



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : George Kukolj et al) Art Unit: To be assigned
U.S. Appln. No. : 10,695,140) Examiner: To be assigned
Confirmation No. : To be assigned
U.S. Filing Date : October 28, 2003
Title of Invention : INHIBITOR-RESISTANT HCV NS3 PROTEASE
Attny. Docket No. : 13/109

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

April 26, 2004

TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith concerning the subject application is an Information Disclosure Statement (Form 1449A/B) under 37 C.F.R. §§1.56 and 1.97, as more specifically described hereinbelow.

☒ 1.97(b). This Statement is being filed: i) within three (3) months of the filing date of a national application other than a continued prosecution application under 33 C.F.R. §1.53 (d); ii) within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; iii) before the mailing of a first Office action on the merits; or iv) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114.

☐ 1.97(c). This Statement is being filed after the time period specified in 37 C.F.R. §1.97(b), but before the mailing date of: i) a final action under 37 C.F.R. §1.113, ii) a notice of allowance under 37 C.F.R. §1.311, or iii) an action that otherwise closes prosecution in the application. This Statement is being accompanied by:

☐ A statement as specified in 37 C.F.R. §1.97(e) [see below]; or

☐ The fee set forth in 37 C.F.R. §1.17(p).

☐ The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No.

02-2955.

☐ 1.97(d). This Statement is being filed after the period specified in 37 C.F.R. §1.97(c) but on or before payment of the issue fee. This Statement is accompanied by a statement as specified in 37 C.F.R. §1.97(e) [see below] and the fee set forth in 37 C.F.R. §1.17(p).

☐ 1.97(e).

☐ Each item of information contained in the instant information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the instant information disclosure statement; or

☐ No item of information contained in the instant information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in the instant information disclosure statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three (3) months prior to the filing of the instant information disclosure statement.

☐ The fee set forth in 37 C.F.R. §1.17(p).

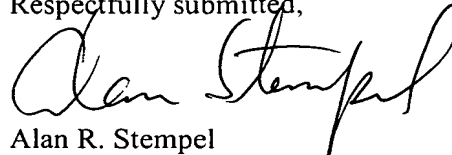
☐ The Commissioner is hereby authorized to charge payment of the \$180.00 fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 02-2955.

☐ 1.704(d). Each item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart application, which communication was not received by any individual designated in section 1.56(c) more than thirty (30) days prior to the filing of the accompanying information disclosure statement.

☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. §1.16 and any patent application processing fees under 37 C.F.R. §1.17, or credit any overpayment of same, to Deposit Account No. 02-2955.

Triplicate copies of this form are enclosed.

Respectfully submitted,


Alan R. Stempel
Attorney for Applicant(s)
Reg. No. 28,991

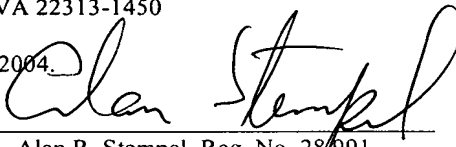
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900 Ridgebury Road, P.O. Box 368
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on April 26, 2004.


Alan R. Stempel, Reg. No. 28,991

APR 29 2004
PATENT & TRADEMARK

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known

Application Number	10/695,140
Filing Date	October 28, 2003
First Named Inventor	George Kukolj
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	13/109

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	13/109
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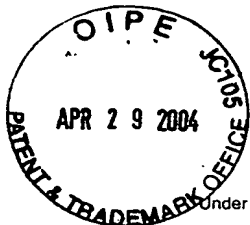
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 00/59929	10/12/2000	BI (Canada) LTD		
		WO 02/052015 A2	07/04/2002	BI (Canada) LTD		

Date
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number

10/695,140

Filing Date

October 28, 2003

First Named Inventor

George Kukolj

Art Unit

To be assigned

Examiner Name

To be assigned

Attorney Docket Number

13/109

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CATERINA TROZZI ET AL; In Vitro Selection and Characterization of Hepatitis C Virus Serine Protease Variants Resistant to an Active-Site Peptide Inhibitor; Journal of Virology March 2003 Vol. 7 No. 6 Pages 3669-3679; American Society for Microbiology	
		A. LAHM ET AL; Hepatitis C Virus Proteins as Targets for Drug Development: The Role of Bioinformatics and Modelling; Current Drug Targets (2002) Vol. 3 pages 281-296; Bentham Science Publishers Ltd	
		JAN OLIVER KOCH ET AL; Determinants of Substrate Specificity in the NS3 Scribe Proteinase of the Hepatitis C Virus; Virology (1997) Vol. 237 pages 78-88; Academic Press	
		ANNARITA CASBARRA ET AL; The effect of prome-site occupancy on the hepatitis C virus NS3 protease structure; Protein Science (2002) Vol. 11 pages 2102-2112; Cold Springs Harbor Laboratory Press	
		Copy of International Serach Report Reference No. PCT/CA 03/01636	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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